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CLAIMS:

What is claimed is:

1. A method for displaying resource utilization information for a plurality of resources, comprising the steps of:
- determining a time period in which to measure the resource utilization information;
 - monitoring the resource utilization information based on the time period; and
 - displaying a result of the monitoring of the resource utilization information, wherein the result of the monitoring of the resource utilization information is dynamically displayed so as to provide an indication of utilization of a resource within the plurality of resources relative to a resource reference level.
2. The method as recited in claim 1, wherein the resource utilization information is used to determine a percentage of system resources utilized based on the time period relative to other resources in the same time period.
3. The method as recited in claim 1, wherein displaying a result of the resource utilization information is displayed in a utilization range.
4. The method as recited in claim 3, wherein the utilization range is defined by a standard deviation between the utilization of the resource and a target utilization for the resource.

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5. The method as recited in claim 4, wherein the standard deviation is at least one of a deviation within a predetermined percentage of the target utilization and a deviation within a predetermined distance from the target utilization.
6. The method as recited in claim 1, wherein displaying a result of the monitoring of the resource utilization information is displayed in a graphical user interface.
7. The method as recited in claim 1, wherein the display of the result of the monitoring of the resource utilization information is displayed with an indicator, wherein the position of indicator indicates the current utilization of the resource.
8. The method as recited in claim 7, wherein the current utilization of the resource is a range of current utilization of the resource.
9. The method as recited in claim 8, wherein the indicator is placed within the range of current utilization of a resource.
10. The method as recited in claim 7, wherein the indicator indicates the direction of current utilization of the resource.

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11. The method as recited in claim 10, wherein the direction of current utilization of a resource includes increasing utilization and a decreasing utilization.

12. The method of claim 1, wherein the result of the
5 monitoring of the resource utilization information is a monitoring of a first utilization of the resource and further comprising:

monitoring a second utilization of the resource,
wherein the second utilization of the resource occurs at
10 later point in time of the first utilization of the resource; and

displaying results of the second utilization of the resource.

13. The method as recited in claim 12, wherein the first
15 utilization of the resource and the second utilization of the resource are displayed in a comparative manner.

14. The method as recited in claim 1, wherein displaying a result of the monitoring of the resource utilization information is displayed in a plurality of colors.

20 15. The method as recited in claim 14, wherein the plurality of colors includes a first color and a second color.

16. The method as recited in claim 15, wherein the first color is black and the second color is white.

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17. A system, comprising:

a bus system;

a memory, including a set of instructions, connected to the bus system;

5 an output unit connected to the bus system; and

a processing unit connected to the bus system,

wherein the processing unit executes the set of instructions from the memory to determine a time period in which to measure resource utilization information, the

10 processing unit monitors the resource utilization

information based on the time period, and the processing unit instructs the output unit to displaying a result of the monitoring of the resource utilization information,

15 wherein the result of the monitoring of the resource utilization information is dynamically displayed so as to provide an indication of utilization of a resource within the plurality of resources relative to a reference level.

18. A data processing system for displaying resource

20 utilization information for a plurality of resources, comprising:

determining means for determining a time period in which to measure the resource utilization information;

25 monitoring means for monitoring the resource

utilization information based on the time period; and

displaying means for displaying a result of the monitoring of the resource utilization information,

30 wherein the result of the monitoring of the resource utilization information is dynamically displayed so as to provide an indication of utilization of a resource within the plurality of resources relative to a reference level.

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19. The data processing system as recited in claim 18,
wherein the resource utilization information is used to
determine a percentage of system resources utilized based
on the time period relative to other resources in the
5 same time period.
20. The data processing system as recited in claim 18,
wherein displaying a result of the resource utilization
information is displayed in a utilization range.
21. The data processing system as recited in claim 20,
10 wherein the utilization range is defined by a standard
deviation between the utilization of the resource and a
target utilization for the resource.
22. The data processing system as recited in claim 21,
wherein the standard deviation is at least one of a
15 deviation within a predetermined percentage of the target
utilization and a deviation within a predetermined
distance from the target utilization.
23. The data processing system as recited in claim 18,
wherein displaying a result of the monitoring of the
20 resource utilization information is displayed in a
graphical user interface.

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24. The data processing system as recited in claim 18,
wherein the display of the result of the monitoring of
the resource utilization information is displayed with an
indicator, wherein the indicator indicates the current
5 utilization of the resource.

25. The data processing system as recited in claim 24,
wherein the current utilization of the resource is a
range of current utilization of the resource.

26. The data processing system as recited in claim 25,
10 wherein the indicator is placed within the range of
current utilization of a resource.

27. The data processing system as recited in claim 24,
wherein the indicator indicates the direction of current
utilization of the resource.

28. The data processing system as recited in claim 27,
15 wherein the direction of current utilization of a
resource includes increasing utilization and a decreasing
utilization.

29. The data processing system as recited in claim 18,
20 wherein the result of the monitoring of the resource
utilization information is a monitoring of a first
utilization of the resource and further comprising:

monitoring means for monitoring a second utilization
of the resource, wherein the second utilization of the
25 resource occurs at later point in time of the first
utilization of the resource; and

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displaying means for displaying results of the second utilization of the resource.

30. The data processing system as recited in claim 29, wherein the first utilization of the resource and the
5 second utilization of the resource are displayed in a comparative manner.

31. The data processing system as recited in claim 18, wherein displaying a result of the monitoring of the resource utilization information is displayed in a
10 plurality of colors.

32. The data processing system as recited in claim 31, wherein the plurality of colors includes a first color and a second color.

33. The data processing system as recited in claim 32,
15 wherein the first color is black and the second color is white.

34. The data processing system as recited in claim 18, wherein the entitlement levels are optional entitlement levels.

20 35. A computer program product in a computer-readable medium for displaying resource utilization information for a plurality of resources, comprising:

instructions for determining a time period in which to measure the resource utilization information;

25 instructions for monitoring the resource utilization

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information based on the time period; and

instructions for displaying a result of the
monitoring of the resource utilization information,
wherein the result of the monitoring of the resource
5 utilization information is dynamically displayed so as to
provide an indication of utilization of a resource within
the plurality of resources relative to a reference level.

36. The computer program product as recited in claim 35,
wherein the result of the monitoring of the resource
10 utilization information is a monitoring of a first
utilization of the resource and further comprising:

instructions for monitoring a second utilization of
the resource, wherein the second utilization of the
resource occurs at later point in time of the first
15 utilization of the resource; and

instructions for displaying results of the second
utilization of the resource.

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